

**REMARKS/ARGUMENTS**

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office action, and amended as necessary to more clearly and particularly describe the subject matter which applicant regards as the invention.

The Examiner rejected claims 4 and 5 under 35 U.S.C. 102(b) as being anticipated by Aoki (U.S. Pat. No. 4,900,884). Applicant notes that claim 4 has been amended to distinguish the present invention from Aoki. More specifically, Applicant has added the limitation that the input current detector is a means to monitor the voltage of the power supply. Support for this amendment is found on page 6, paragraphs 14 and 16 and page 20, paragraph 41 of the specification. No new matter has been added by the amendment.

Regarding Aoki, Aoki teaches a detection system for detecting the load in the cooking system and not a detection system for detecting power loss to the power supply. Applicant directs the Examiner's attention to Column 8, lines 25-68 and column 9, lines 1-26 where the specification explains the operation of the microcomputer 62 load detection system so as not to mistakenly heat an improper load such as a knife or a fork.. Specifically, column 8, lines 25-30 state "Microcomputer 62 has load detection set value Vs...microcomputer 62 determines that the load is improper." Furthermore, column 9, lines 18-20 state "Elements for detecting the load are constituted by current transformer 80 and bridge rectifier 81...." Applicant therefore respectfully contends that Aoki does not teach all the limitations in amended claim 4.

Applicant notes that claim 5 depends from claim 4 and all arguments pertaining to claim 4 are applicable to claim 5.

In light of the foregoing, it is respectfully submitted that the present application is in a

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condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. 34698US1.

Respectfully submitted,

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